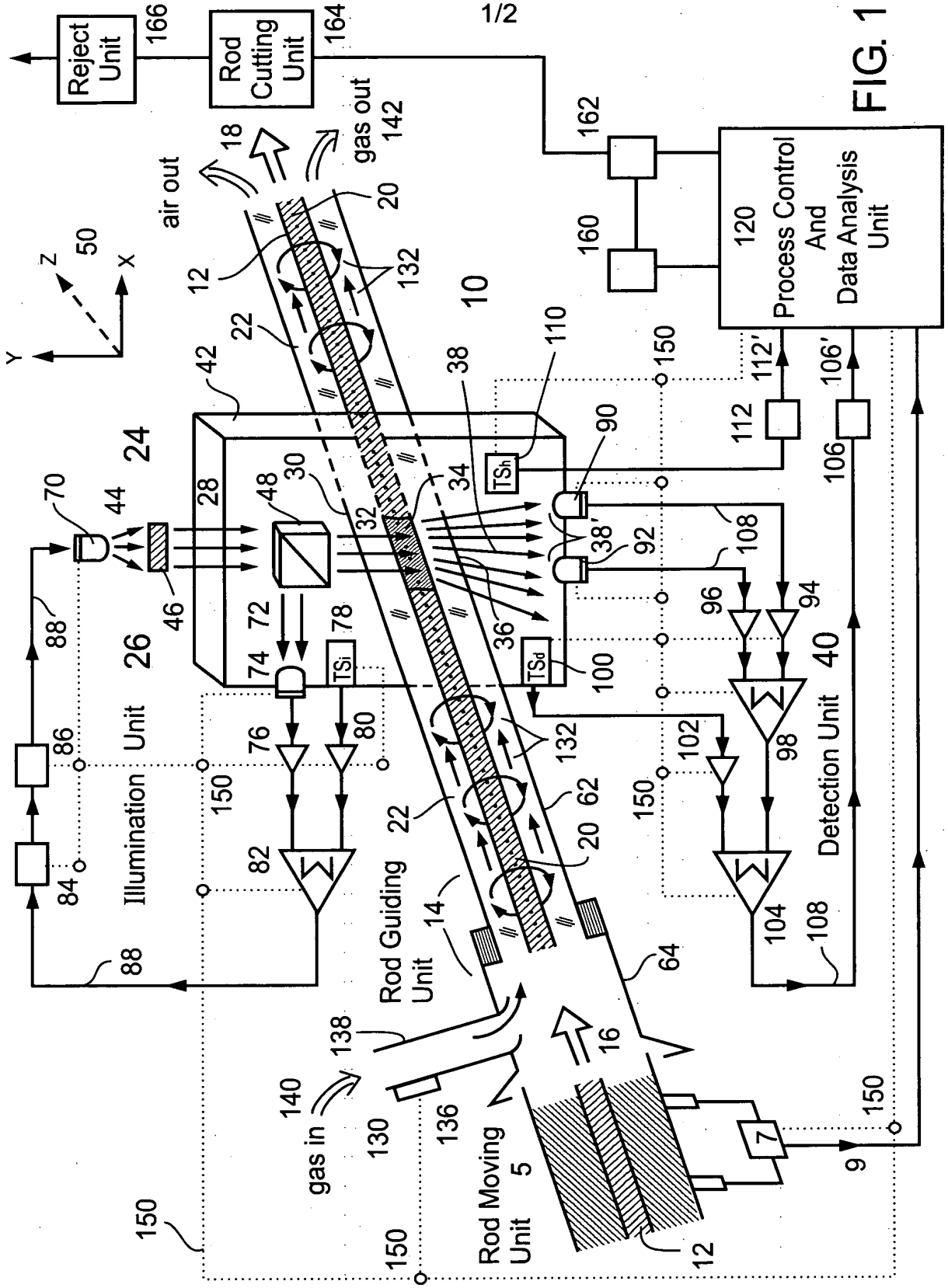
Reject Unit
166
Rod Cutting Unit
164
air out
18
gas out
142
20
12
132
10
22
42
38
110
150
162
160
120
Process Control And Data Analysis Unit
112'
106'
112
106
24
28
48
30
32
34
TSh
90
70
44
46
38'
92
108
72
78
74
TSi
36
TSd
100
96
94
88
26
Illumination Unit
40
Detection Unit
86
76
80
102
98
84
82
62
64
104
14
Rod Guiding Unit
16
138
140
gas in
130
136
Rod Moving Unit
5
7
9
12

FIG. 1

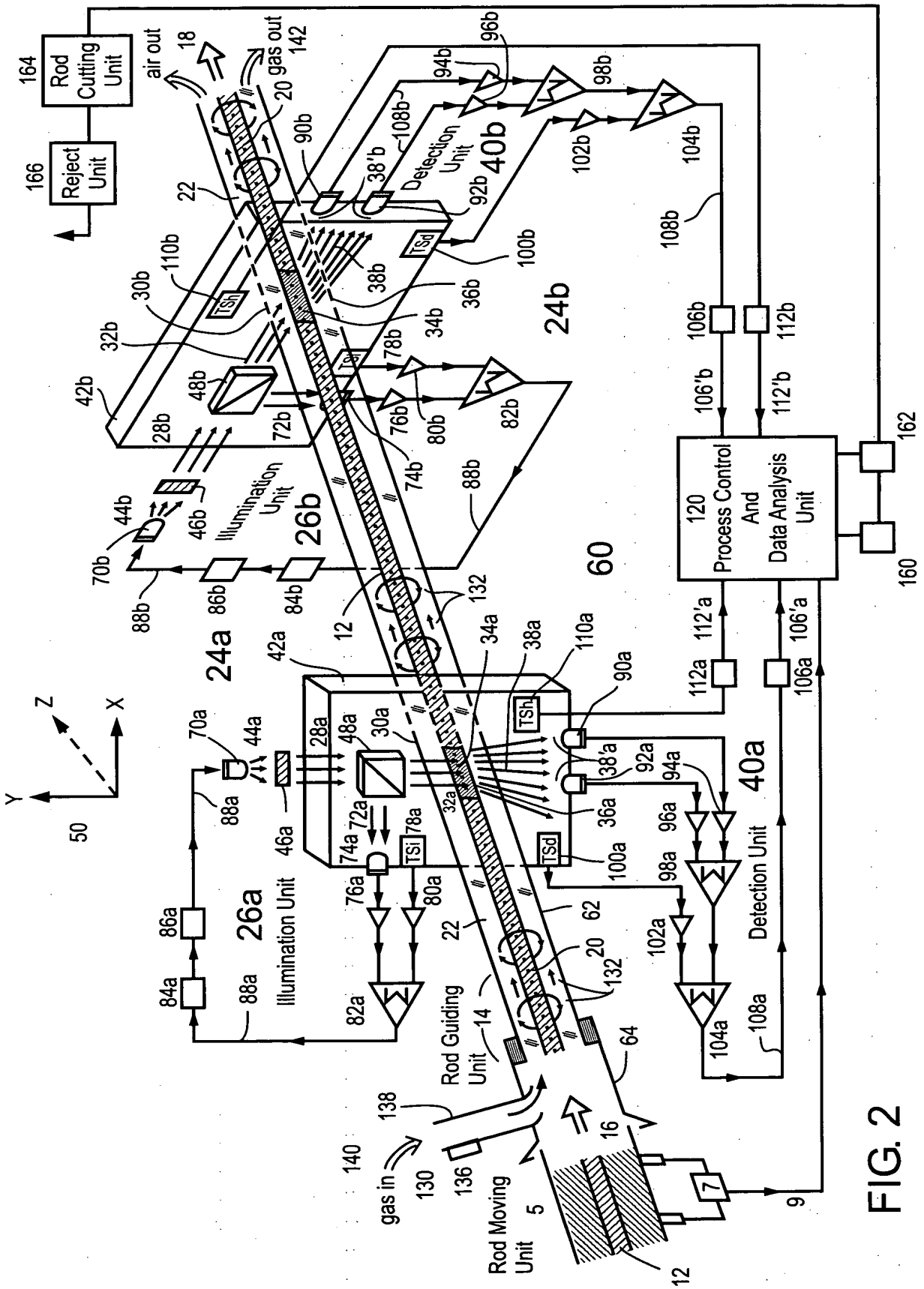
164
Rod Cutting Unit
166
Reject Unit
air out
18
gas out
142
20
90b
94b
96b
98b
108b
Detection Unit
40b
38'b
92b
102b
104b
22
110b
30b
32b
TSh
38b
36b
34b
24b
TSd
100b
106b
112b
106'b
112'b
42b
48b
28b
72b
78b
76b
80b
82b
74b
88b
120
Process Control And Data Analysis Unit
162
160
Illumination Unit
26b
44b
46b
70b
88b
86b
84b
60
12
132
24a
42a
34a
38a
110a
90a
112'a
106'a
112a
106a
TSh
70a
44a
28a
48a
30a
38'a
92a
94a
40a
Detection Unit
Z
X
Y
50
88a
46a
32a
36a
96a
72a
74a
78a
TSi
TSd
100a
98a
76a
80a
26a
Illumination Unit
86a
62
22
20
132
102a
84a
88a
82a
Rod Guiding Unit
14
64
104a
108a
138
140
gas in
130
136
16
Rod Moving Unit
5
7
9
12

FIG. 2